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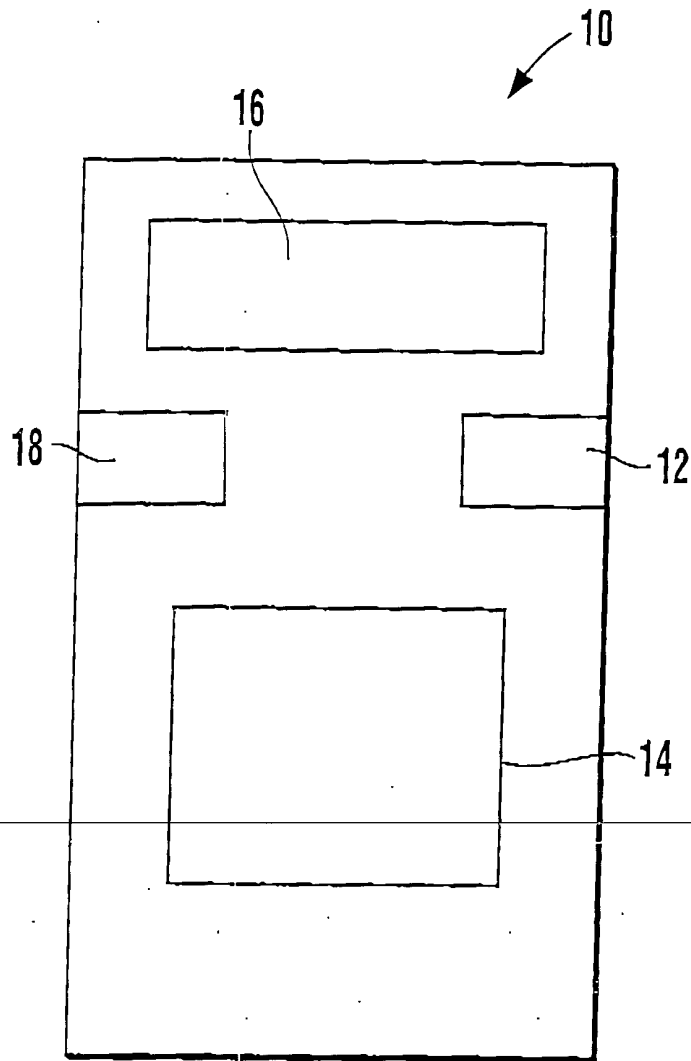


Fig.1

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5 0 1 2 3 4 5 5 5 5 5 9

Pack Barcode

SCAN provides unique 'item' product code

Database (in scanner memory)

501234555555, (A) Q, W, 500

509999912345, B,D, 1000

Where
A-Z = 'Allergic'
Ingredients

500 = Calorific Value

Screen on Scanner

"NUT ALLERGY" NO PURCHASED ADVISED

Because User has previously entered

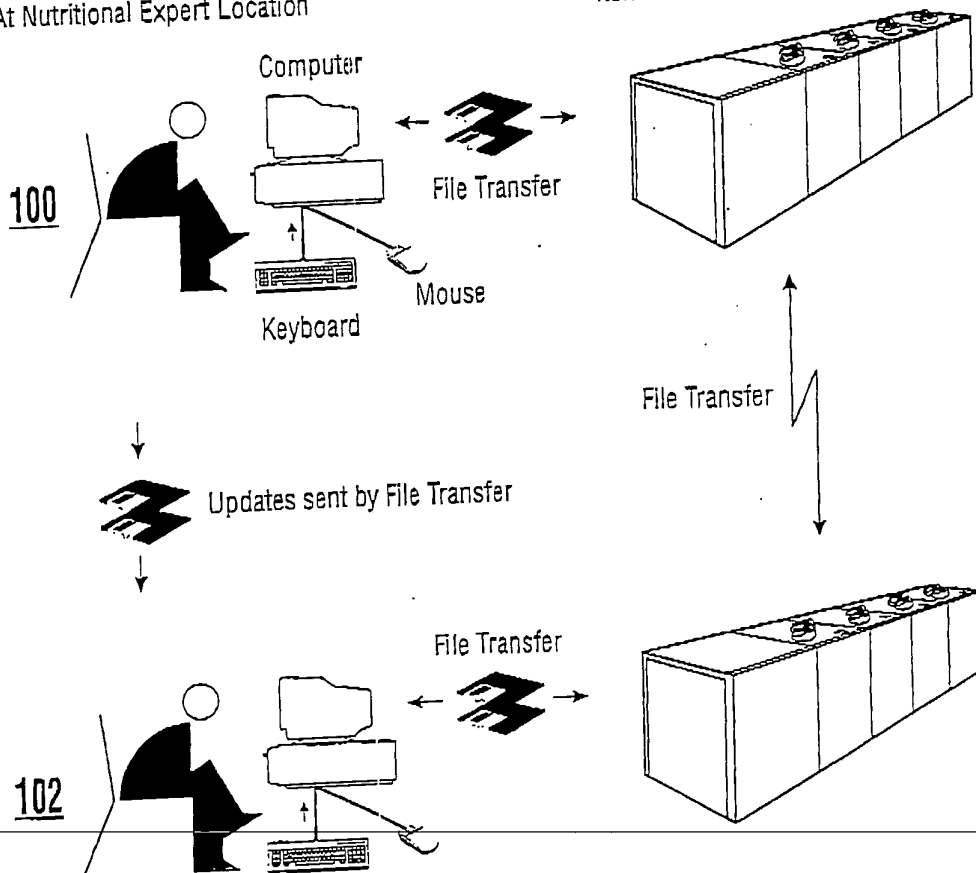
A = NUT on entry prompt to system.

Fig.2

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At Nutritional Expert Location

At Central Location for Product Item File



At Central Location in Store
Designated computers are loaded with Client Version, to handle

- On-line Registration,
- Barcode Reader Download / Upload
- & Customer Queries.

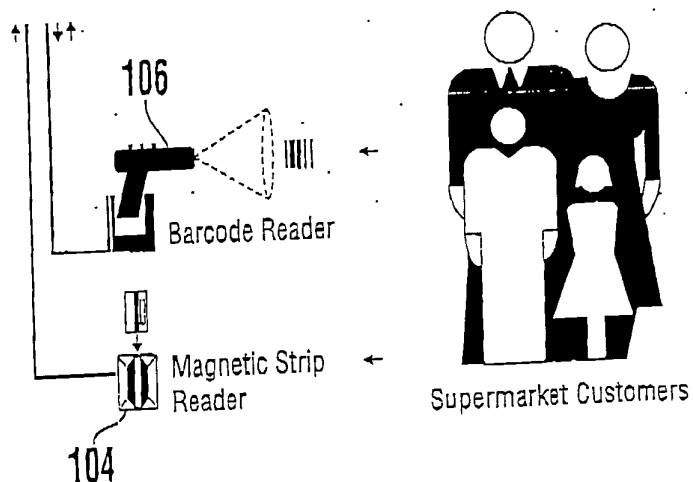


Fig.3

FOOTNOTES

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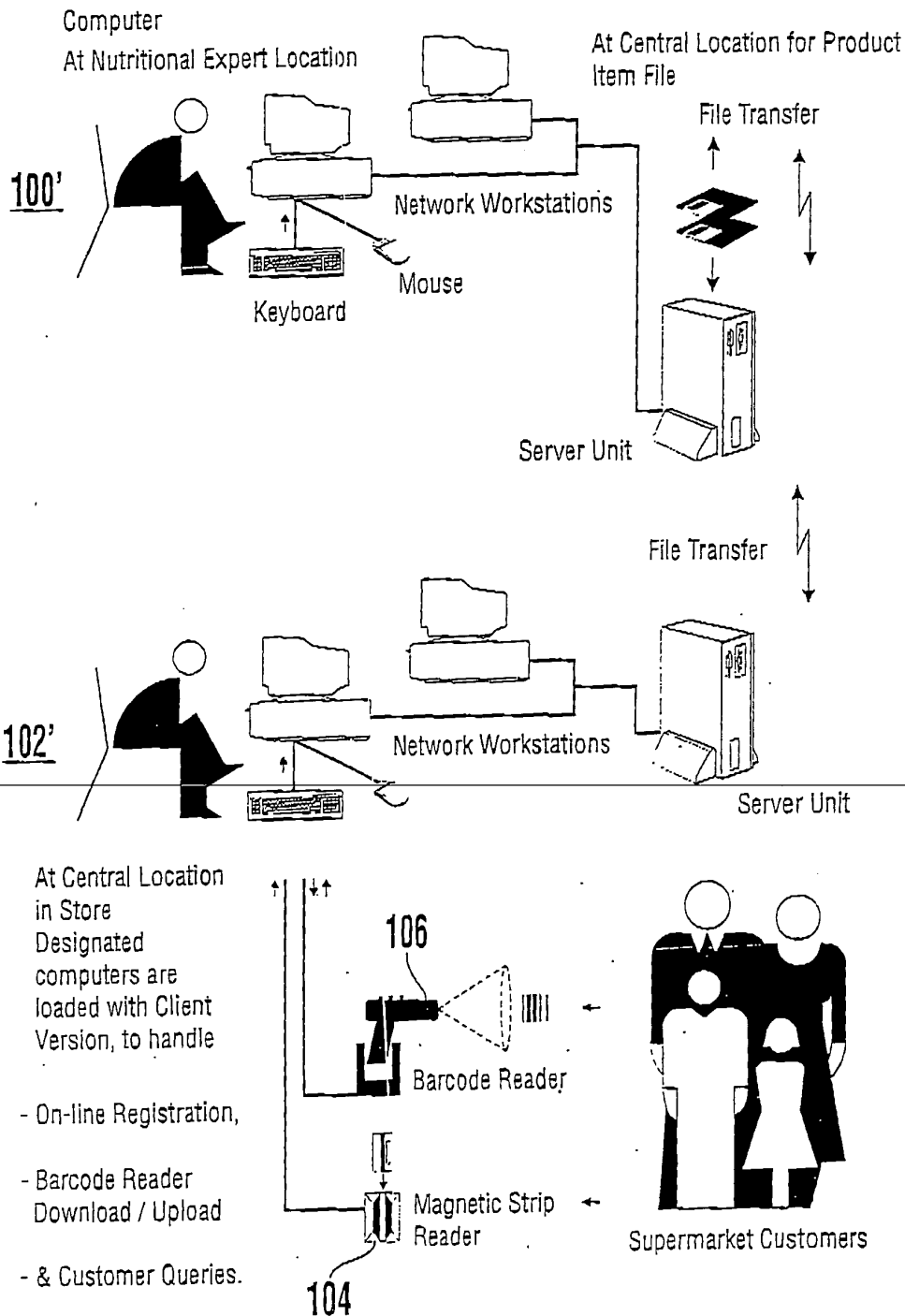


Fig. 4

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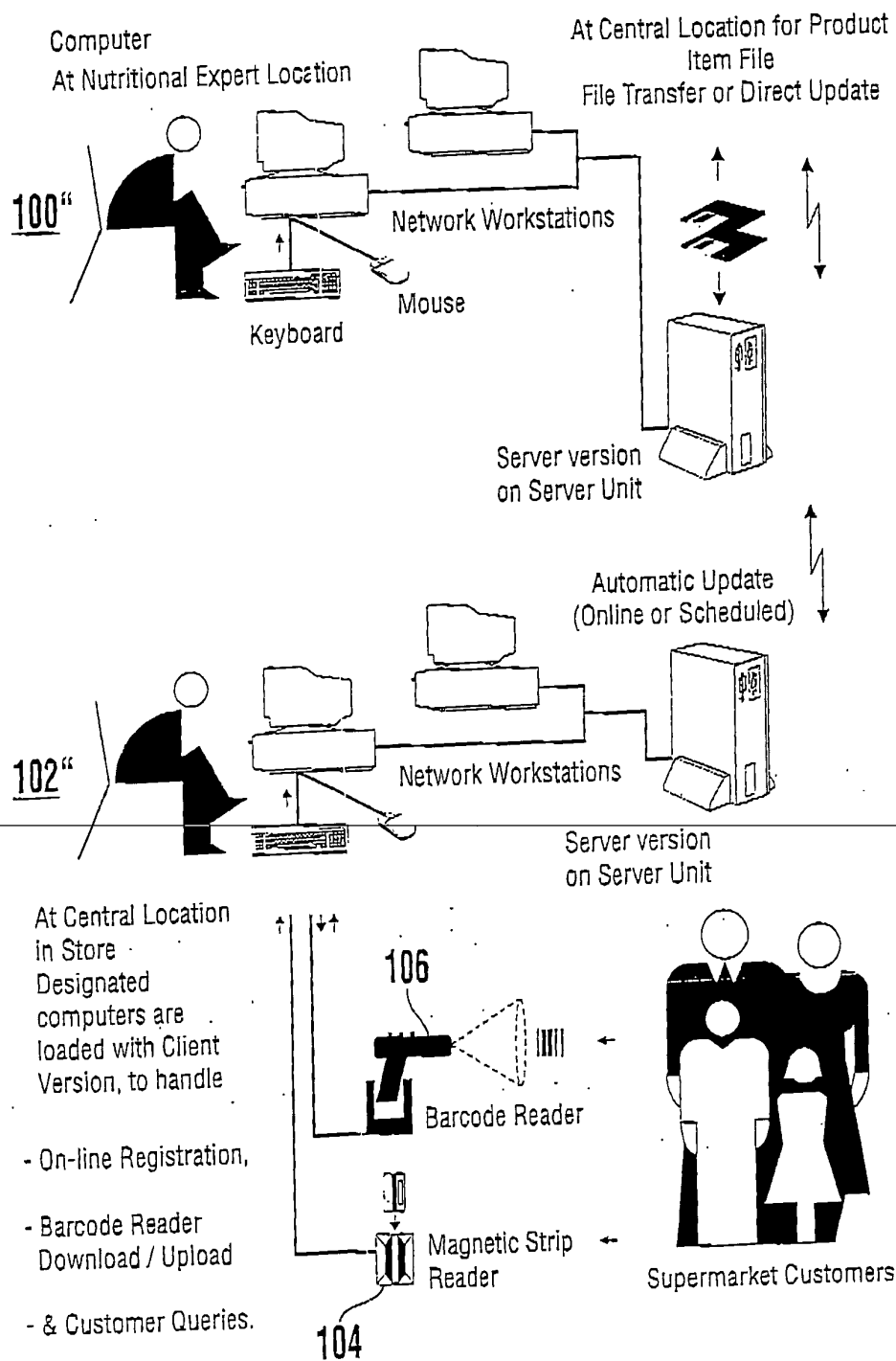


Fig. 5

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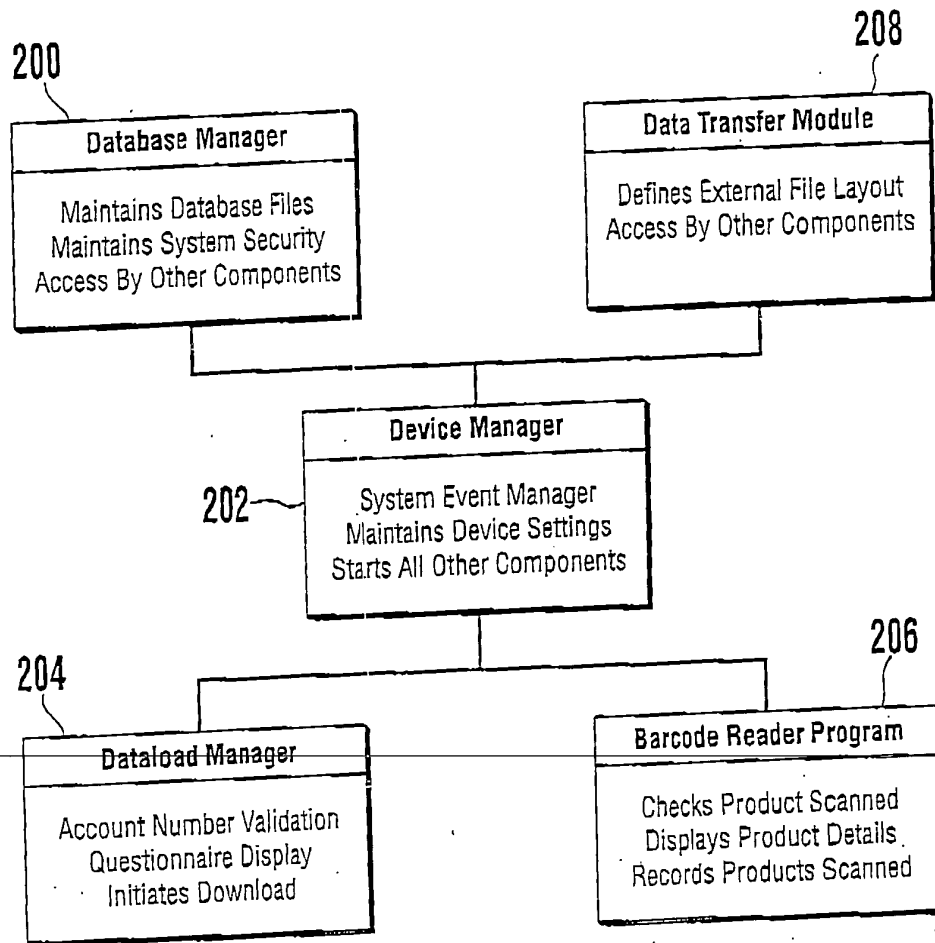


Fig. 6

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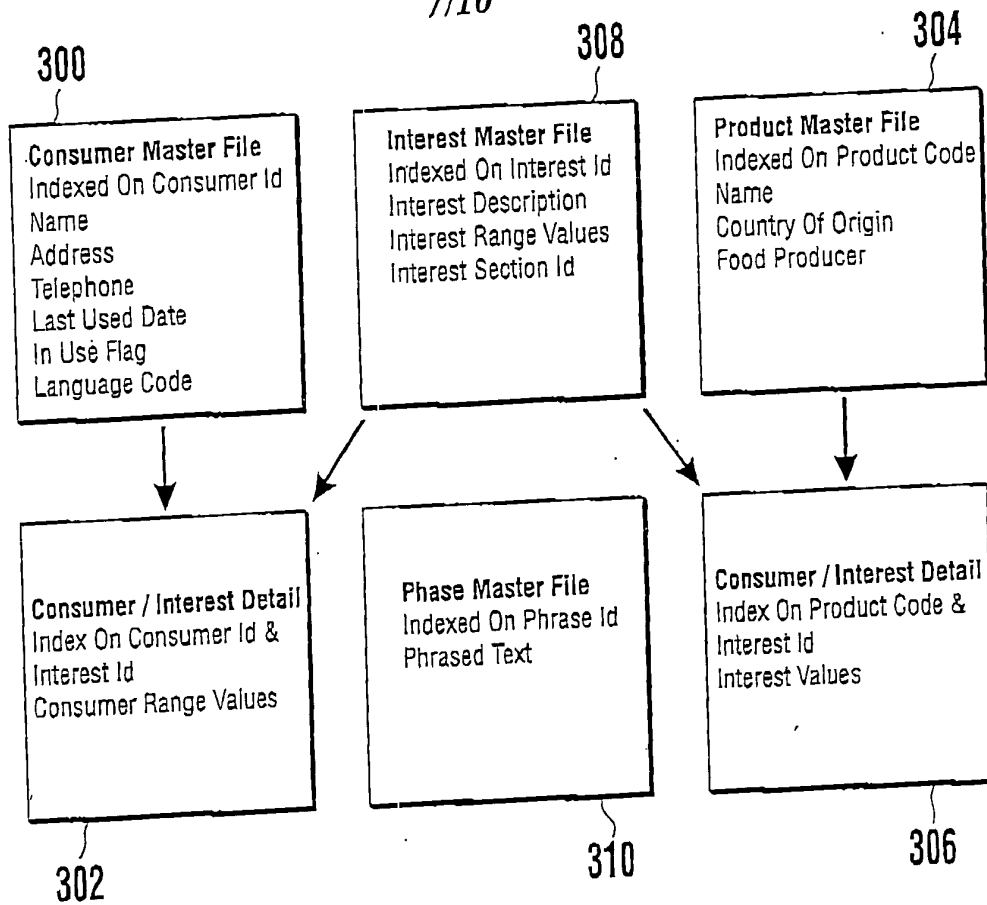


Fig. 7

Fill-in Consumer Id. Name etc.

Add record for each Interest

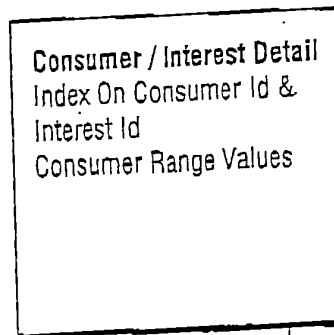
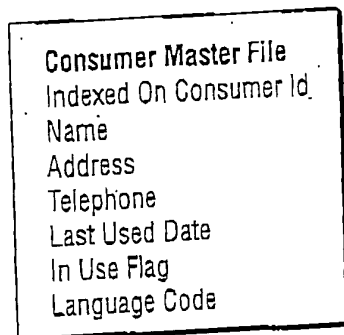


Fig. 8

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Search on Consumer Id.

Consumer / Interest Detail
Index On Consumer Id &
Interest Id
Consumer Range Values

302

Search on Interest Id.

Product / Interest Detail
Indexed On Product Code &
Interest Id
Interest Values

306

Fig. 9

Products found from search

Product Interest List
Indexed On Product Code
Interest Id
Interest Values

320

Download Files Created

322

Product Download File
Consumer Id
Product Code
Interest Id
Interest Values
Interest Unit id

Change
Last Used Date & In Use Flag

Consumer Master File
Indexed On Consumer Id
Name
Address
Telephone
Last Used Date
In Use Flag
Language Code

300

Phase Download File
Phase Id
Phase Text

324

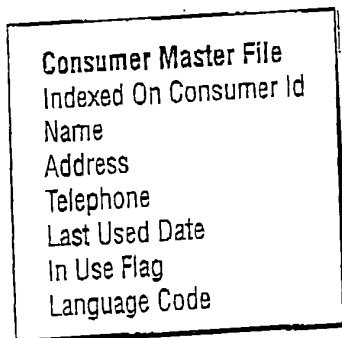
Fig. 10

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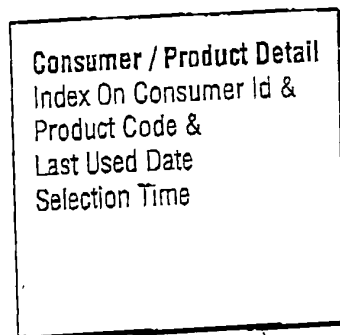
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Change Last Used Date & In Use Flag

Delete Previous Product Records
Add Products Scanned



300



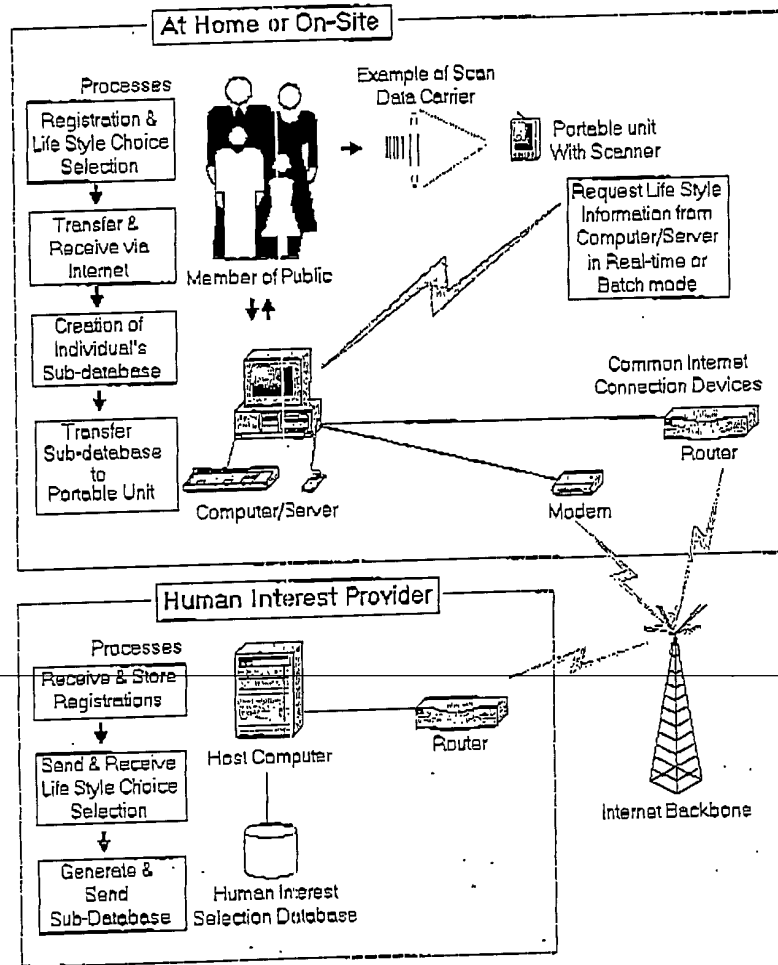
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Fig.11

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1002001 51022001



Example of Open Internet Based System

FIG. 12